

Ultra-Long-Distance Communication Equipment: Sophisticated Wireless Solution for 100 km+ Reliable Data and Voice Transmission in Maritime Security Emergencies Featuring Anti-Jamming Capabilities

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DT-04
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 10 work days
- Payment Terms: L/C,T/T
- Supply Ability: 1000units per month



Product Specification

- Land Communication: ≥ 150 Km
- Coast Communication: ≥ 400 Km
- Maritime Communication: ≥ 200 Km
- Mountainous Area Communication: ≥ 80 Km
- Output Power: 50w
- Product Type: Ultra-short Wave Over-the-horizon Communication Equipment
- Highlight: **long-distance maritime communication equipment**
, handheld drone detector with anti-jamming,
wireless data transmission equipment for emergencies

Product Description

DT-04 Ultra-Long-Distance Communication Equipment

1, Product Overview

The DT-04 series of ultra-long-distance communication equipment represents the latest advancement in contemporary wireless communication technology. Leveraging advanced ultra-short wave beyond-line-of-sight communication technology, it revolutionizes the perspectives on traditional communication equipment. It is not merely a simple device but a sophisticated system that integrates numerous cutting-edge technologies, ensuring stable and reliable communication connections even under extreme conditions.

The design concept of the DT-04 is derived from a profound understanding of the actual needs of professional users. The R & D team took into account the communication characteristics across various industries and scenarios, with reliability, stability, and user-friendliness serving as the core design elements. Whether operating at sea or in mountainous regions, the DT-04 offers clear and stable communication services.

2, Specification

Category	Parameter	Specification
Basic Parameters	Product Type	Ultra-short Wave Over-the-horizon Communication Equipment
	Output Power	50W
	Operating Mode	Frequency Modulation (FM)
	Frequency Range	30-88MHz (VHF Ultra-short Wave)
Communication Range	Land Communication	≥150 km
	Mountainous Area Communication	≥80 km
	Maritime Communication	≥200 km
	Coast Communication	≥400 km
Physical Characteristics	Weight (Main Unit)	Approximately 5.5kg
	Operating Temperature	-30°C to +60°C
	Protection Rating	IP65
Power Requirements	Operating Voltage	13.8V DC ±15%
	Operating Current	≤25A (Transmitting), ≤1.5A (Receiving)
	Standby Current	≤0.5A

3, Features

DT-04 is equipped with advanced beyond-line-of-sight communication technologies, which effectively overcome the traditional limitations. It incorporates an intelligent power control system to optimize energy utilization and ensure service quality. Having undergone rigorous testing, DT-04 demonstrates strong adaptability to diverse terrains, temperatures ranging from -30°C to +60°C, and weather conditions (meeting IP65 standards). Additionally, it is highly resistant to electromagnetic interference.

Designed in accordance with military standards, DT-04 features a long service life and high reliability. Its user-friendly interface is equipped with one-key functions, intelligent channel scanning, and status monitoring capabilities. Moreover, it supports multiple encryption algorithms and is integrated with emergency call and GPS functions.

Regarding networking flexibility, DT-04 can establish communication networks, support the relay mode, and extend the coverage area. It is capable of not only voice communication but also data transmission.



4, Application Scenarios



5, Certification Certificate



6, Company profile

Chongqing Miao Yitang Technology Co., Ltd. is a specialized company engaged in anti-drone and unmanned intelligent defense management. With the technical support from the AI Internet of Things Research Institute of the Chinese Academy of Sciences and collaborations with multiple intelligent AI companies, the company has established research laboratories for AI unmanned field products, accumulating a variety of technical patents.

The company's products are widely applied to unmanned automatic management solutions for various defense and perimeter areas, including AI anti-drone systems and AI unmanned vehicle patrol systems. These systems integrate with multiple technologies such as optoelectronics, radar, vibration, thermal imaging, facial recognition, and radio frequency management, truly achieving a 24-hour uninterrupted anti-drone defense and ground perimeter defense warning system. This allows for cost savings for clients, reduction in human resource allocation, and

ensures the safety of clients' lives and property. The outstanding security system has won the company an excellent reputation and created higher value for its partners.



7, Customer Service

- 1). We offer 24 hours service after sales
- 2). If there are any usage or quality issues with the product, we provide online technical support to diagnose the cause of the problem.
- 3). Should you find the products unsatisfactory, kindly return it to us within a period of 3 months from the date of dispatch. Upon receipt and inspection, should the products be found to be free from any damage attributable to human factors, a full refund will be granted. Alternatively, we can engage in discussions to amend the product and subsequently reship the product to you.

CUSTOMER SERVICE

- * Fast and patient communication: professional sales reply immediately
- * Fast delivery: usually 2-7 days
- * Flexible Safe shipping: fast by air or sea with cheap freight
- * Customer-friendly: complete user manual and exact video training provided
- * After sales service: one year warranty and life time technical support



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